This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-6. (cancelled)

7. (previously presented) A method for recording network transactions, comprising the acts of:

coupling to a client object by way of a proxy server interface of said client object;

receiving a first client request destined for said network;

recording selected information indicative of said first client request;

transmitting said first client request onto said network;

receiving a response to said first client request from said network;

transmitting said response to said client object;

receiving a second client request destined for said network;

transmitting said second client request onto said network; and

recording selected information indicative of said second client request whereby recorded information is created, wherein the recorded information indicative of said second client request is a function of said response.

8. (original) The method of claim 7, wherein said response is a web page including a plurality of hyperlinks, and wherein said function takes into account the relative location of one of said hyperlinks on said web page.

9. (previously presented) A method for recording network transactions, comprising the acts of:

coupling to a client object by way of a proxy server interface of said client object;

receiving a first client request destined for said network;

recording selected information indicative of said first client request;

transmitting said first client request onto said network;

receiving a second client request destined for said network;

transmitting said second client request onto said network; and

recording the time between the first and second client requests.

10-15. (cancelled)

16. (previously presented) A system for recording network transactions, comprising:

a first interface connectible to a client object, whereby said interface receives requests destined for said network originating from said client object;

a recorder object in communication with said first interface for receiving said requests by way of said first interface, and said recorder object creating a record comprising a representation of said requests; and

a second interface connectible to said network, said second interface being in communication with said recorder object wherein said recorder object transmits said requests to said network by way of said second interface,

wherein said second interface receives responses destined for said client object originating from said network, wherein said recorder object is in communication with said second interface for receiving said responses by way of said second interface, wherein said first interface is in communication with said recorder object whereby said recorder object transmits said responses to said client object by way of said first interface, and wherein at least some of the representation of said requests is a function of said responses.

17-20. (cancelled)

21. (withdrawn) A method of simulating a user network transaction comprising the acts of:

connecting to a network server;

retrieving a transaction item from a record of a network transaction, wherein said record was created from a prior recorded transaction; and

sending a request to said network server, wherein the content of said request is based on said transaction item.

22. (withdrawn) The method of claim 21, wherein said network comprises the Internet.

23. (withdrawn) The method of claim 22, wherein said transaction item comprises a representation of a Universal Record Locator of a web page to be retrieved from the Internet.

24. (withdrawn) The method of claim 21, further comprising the act of receiving, from said network, a response to said request.

25. (withdrawn) The method of claim 24, further comprising the act of recording said response.

26. (withdrawn) The method of claim 24, further comprising the acts of:

retrieving a second transaction item from said record, wherein said second transaction item comprises a reference to said response; and

sending a second request to said network server, wherein the content of said request is based on data contained in said response.

27. (withdrawn) The method of claim 26, wherein said network comprises the Internet, wherein said response comprises a web page, and wherein said data comprises a Universal Record Locator referenced in a hyperlink on said web page.

28. (withdrawn) The method of claim 24, further comprising the acts of:

inserting a time delay following the receipt of said response;

retrieving a second transaction item from said record; and

sending a second request to a network server, wherein the content of said second request is based on said second transaction item.

29. (withdrawn) The method of claim 21, wherein said sending act is performed at a rate slower than the rate supported by the connection to said network server.

30. (withdrawn) The method of claim 29, wherein the rate is slowed by inserting a time delay between packets used to transmit said request.

31. (withdrawn) A computer-readable medium containing computer-executable instructions to perform the method of claim 21.

32. (withdrawn) A method of simulating a user network transaction comprising the acts of:

        connecting to a network server;

        receiving a transaction item representing a communication to be sent over a network; and

        sending a request to said network server at a rate slower than the rate supported by the connection to said network server, wherein the content of said request is based on said transaction item.

33. (withdrawn) The method of claim 32, wherein said network comprises the Internet.

34. (withdrawn) The method of claim 32, further comprising the act of receiving, from said network, a response to said request.

35. (withdrawn) The method of claim 34, further comprising the acts of:

        inserting a time delay following the receipt of said response;

        retrieving a second transaction item from said record; and

        sending a second request to a network server, wherein the content of said second request is based on said second transaction item.

36. (withdrawn) A computer-readable medium containing computer-executable instructions to perform the method of claim 32.

37. (previously presented) The system of claim 16, wherein at least one of said responses comprises a web page including a plurality of hyperlinks, and wherein said function takes into account a relative location of one of said hyperlinks on said web page.

38. (previously presented) A system for recording network transactions, comprising:

a first interface connectible to a client object, whereby said interface receives requests destined for said network originating from said client object;

a recorder object in communication with said first interface for receiving said requests by way of said first interface, and said recorder object creating a record comprising a representation of said requests; and

a second interface connectible to said network, said second interface being in communication with said recorder object wherein said recorder object transmits said requests to said network by way of said second interface,

wherein said recorder object calculates the time between a first of said requests and a second of said requests, and includes in said record a representation of the calculated time.

39. (previously presented) The method of claim 38, further comprising:

a replayer object which simulates a user network transaction by sending over said network the requests represented in said record including said first request and said second request, and wherein said replayer inserts a duration of time between said first request and said second request based on the representation of the calculated time contained in said record.

40. (previously presented) A computer-readable medium containing computer-executable instructions to perform the method of claim 7.

41. (previously presented) A computer-readable medium containing computer-executable instructions to perform the method of claim 9.

42. (previously presented) The method of claim 7, wherein the recorded information indicative of said second client request is further a function of a cookie associated with said response.

43. (previously presented) The system of claim 16, wherein at least some of the representation of said requests is further a function of one or more cookies associated with said responses.